

BIOGRAPHICAL SKETCH

provide the following information for the key personnel in the order listed on Form Page 2.

Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Jeffrey S. Anderson	POSITION TITLE Assistant Professor of Radiology, School of Medicine
eRA COMMONS USER NAME JEFFANDERSON	

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)*

INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Brigham Young University, Provo, UT	BS	1991-94	Mathematics
Brigham Young University, Provo, UT	MS	1991-95	Mathematics
Northwestern University Medical School, Chicago, IL	MD	1995-01	Medicine
Northwestern University, Evanston, IL	PhD	1995-01	Neuroscience
University of Utah, Salt Lake City, UT	Intern	2001-02	Internal Medicine
University of Utah, Salt Lake City, UT	Resident	2002-06	Radiology
University of Utah, Salt Lake City, UT	Fellow	2006-08	Neuroradiology

NOTE: The Biographical Sketch may not exceed four pages. Items A and B (together) may not exceed two of the four-page limit. Follow the formats and instructions on the attached sample.

A. Positions and Honors. List in chronological order previous positions, concluding with your present position. List any honors. Include present membership on any Federal Government public advisory committee.

Employment / Experience

2007- present Clinical Instructor, University of Utah, Salt Lake City/UT

Honors

2007 -present Best Presentation in Functional Neuroradiology - American Society of Neuroradiology 2007

2008 -present First Place Poster in Scientific Program - American Society of Functional Neuroradiology

B. Select peer-reviewed publications (in chronological order).

- Anderson JS**, Gorey MT, Pasternak JF, Trommer BL. (1999). Joubert's syndrome and prenatal hydrocephalus. *Pediatr Neurol*, 20(5), 403-5.
- Anderson JS**, Lampl I, Reichova I, Carandini M, Ferster D. (2000). Membrane potential fluctuations in the visual responses of complex cells of cat visual cortex.

Nature Neuroscience, 3, 617-621.

3. **Anderson JS**, Carandini M, Ferster D. (2000). Orientation tuning of input conductance, excitation, and inhibition in cat primary visual cortex. *J Neurophysiol*, 84(2), 909-26.
4. **Anderson JS**, Lampl I, Gillespie DC, Ferster D. (2000). The contribution of noise to contrast invariance of orientation tuning in cat visual cortex. *Science*, 290(5498), 1968-72.
5. **Anderson JS**, Lampl I, Gillespie DC, Ferster D. (2001). Membrane potential and conductance changes underlying length tuning of cells in cat primary visual cortex. *J Neurosci*, 21(6), 2104-12.
6. Lampl I, **Anderson JS**, Gillespie DC, Ferster D. (2001). Prediction of orientation selectivity from receptive field architecture in simple cells of cat visual cortex. *Neuron*, 30(1), 263-74.
7. Gillespie DC, Lampl I, **Anderson JS**, Ferster D. (2001). Dynamics of the orientation-tuned membrane potential response in cat primary visual cortex. *Nat Neurosci*, 4(10), 1014-9.
8. **Anderson JS**. (2008). Origin of Synchronized Low-Frequency BOLD Fluctuations in Primary Visual Cortex. *American Journal of Neuroradiology*. 29,1722-9.

C. Research Support.

Current Support

Benning Research Foundation	8/01/2008 - 07/31/2009
Functional Connectivity of Multiple Sclerosis	
Principal Investigator.	

Completed Support

Radiological Society Of North Amer Inc	07/01/2007 - 06/30/2008
Visual Attention Fmri	
Principal Investigator.	
Benning Research Foundation	10/01/2006 - 09/01/2007
fMRI Evaluation of Visual Attention	
Principal Investigator.	
National Multiple Sclerosis Society	01/01/2005 - 07/31/2005
Functional Magnetic Resonance Imaging Of Multiple Sclero	
Principal Investigator.	
National Institutes of Health	07/01/1995 - 06/30/1998
NRSA Medical Scientist Training Program Grant	
Predoctoral Student.	

National Eye Institute Vision Training Grant Predoctoral Student.	07/01/1998 - 06/30/2001
Radiological Society of North America Research Resident Grant Principal Investigator.	07/01/2004 - 12/31/2004
Radiological Society of North America RSNA Research Fellow Grant Principal Investigator.	07/01/2007 - 06/30/2008
Benning Research Foundation Temporal Dynamics of Functional MR Connectivity Principal Investigator.	09/01/2007 - 08/30/2008